



Antibody Specification Sheet

Anti-Human Interleukin 8 (hIL-8) - Purified



Catalog reference: AS14-P

Size: 0.5 mg

Antibody Information:

Antigen: human recombinant interleukin 8 (hIL-8).

Ig Class: mlgG1

Form: purified.

Specificity: recognizes both the 72 aa and 78 aa forms of human IL-8. Does not recognize mouse IL-8 or a panel of other human cytokines.

Antibody Source: monoclonal antibody from BALB/c-derived hybridomas.

Production: *in vitro* cell culture.

Purification: Protein A agarose chromatography.

Purity: ≥95%.

Formulation: provided as a 0.2 µm sterile-filtered solution in Ca⁺⁺ & Mg⁺⁺ free

Dulbecco's PBS with 0.05% sodium azide.

Concentration: 1 mg/ml.

Recommendations: ELISA and Immuno-precipitation.

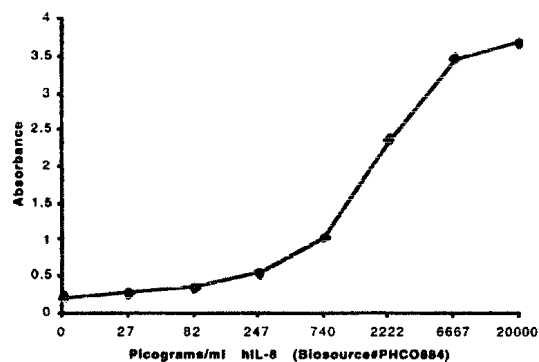
Storage conditions: store undiluted at 4 °C or in aliquots at ≤ -20 °C.

Applications:

Elisa: This antibody has been used as a coating antibody at 10 µg/ml in a two site ELISA with AS15-B. Typically the ELISA has a working range of 27-20000 pg/ml and a sensitivity of < 5 pg/ml with the appropriate standard. Recommended sample volumes are 25-200 µl. Recovery of hIL-8 in human serum is typically > 85% in the ELISA.

Immunoprecipitation: This antibody has been used to immunoprecipitate > 90% hIL-8 in solution using a double-antibody method. (Midgley, AR and Hepburn, MR, *Methods Enzymol.*, 70, 266, 1980).

IL-8 ELISA Standard Curve



FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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